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Title: JP2002093057A2: OPTICAL DISK, OPTICAL DISK PLAYBACK DEVICE, OPTICAL DISK PLAYBACK METHOD, OPTICAL DISK RECORDER, OPTICAL DISK RECORDING METHOD, AND RECORDING MEDIUM

Country: JP Japan

Kind: A2 Document Laid open to Public inspection

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Priority Number: 2000-09-19 JP2000000283387

Abstract:

PROBLEM TO BE SOLVED: To record ROM data in the format corresponding to a RAM area.

SOLUTION: The density ratio of frames of the RAM area and a ROM area is set to be a simple integral ratio close to the data density ratio of the RAM area and ROM area. The ROM data are processed by RLL(2, 7) modulation similarly to prepit addresses of RAM data and dcc of 6-channel bits is inserted for its each unit; and frame sync (FS) of 48-channel bits is added at the head of a ROM recording frame and a postamble (PO) for adjusting frame length is added at the tail of the ROM recording frame. In one ROM recording frame, 156-byte data can be recorded, however 155-byte data are recorded similarly to a RAM data frame to obtain the same constitution of data higher-order than ECC format as the constitution of the RAM data.

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